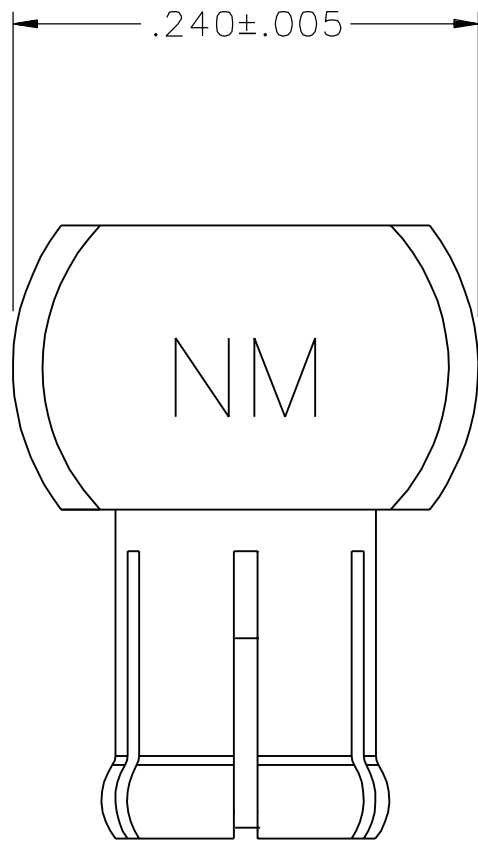
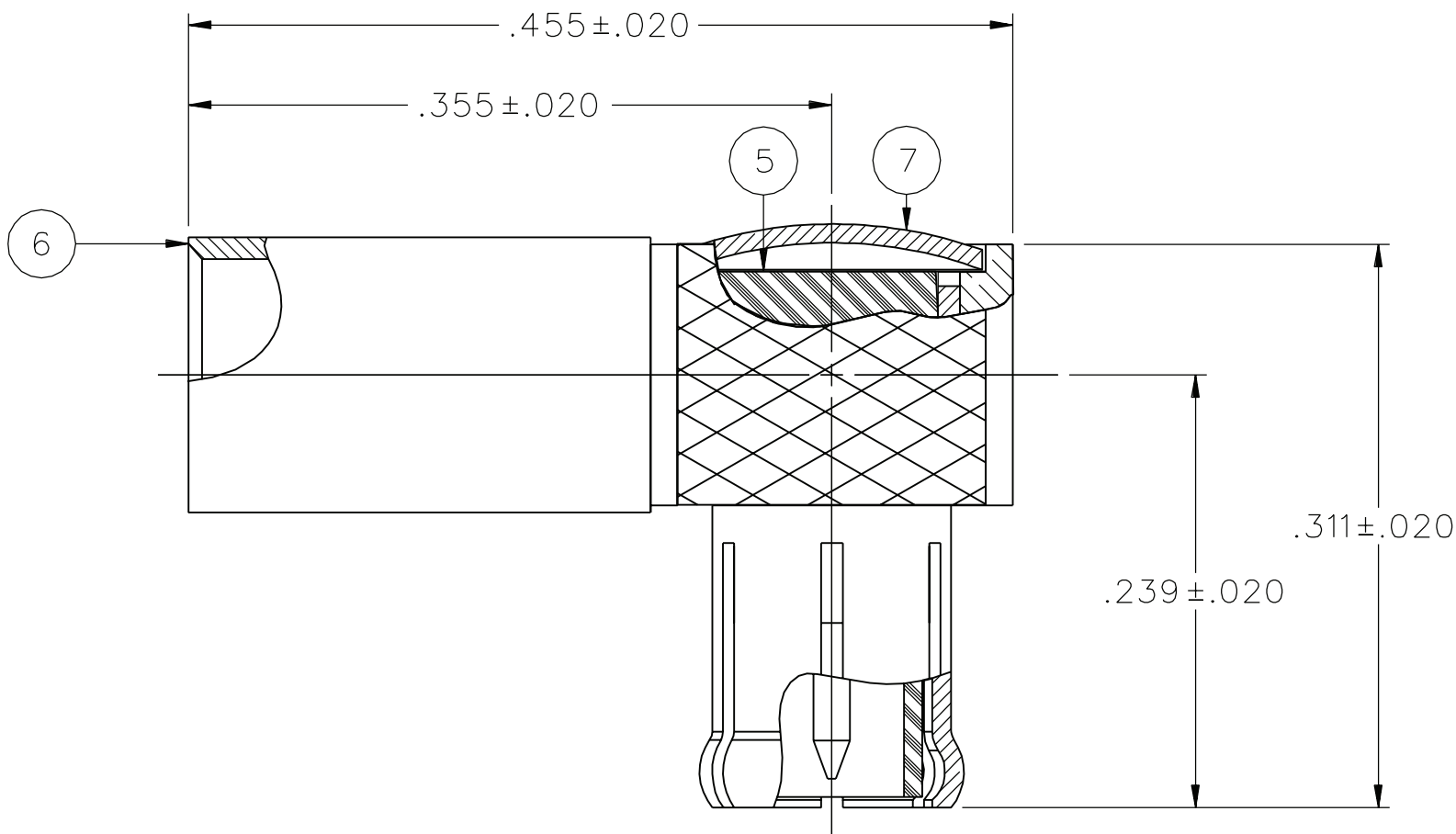


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ INSULATOR	ITEM ⑥ CRIMP SLEEVE	ITEM ⑦ END CAP
133-9403-101	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY GOLD PL .00005 MIN OVER COPPER PL .00005 MIN
133-9403-104	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN	COPPER ALLOY SILVER PL .00005 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.07+.04F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 15 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
BODY TO CABLE - INITIAL 1MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .2 DB MAX AT 1GHz
RF LEAKAGE: -55 DB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHz

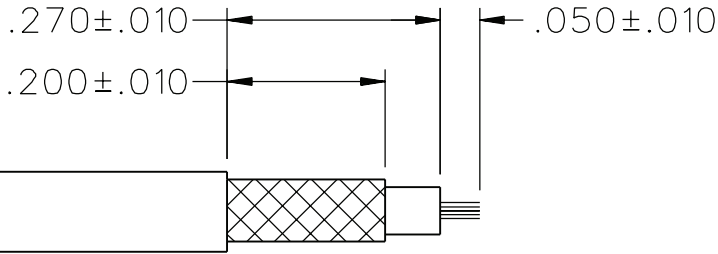
MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0/8.0 LBS MIN/MAX DISENGAGEMENT
CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 161/U, RG 174/U
CABLE HEX CRIMP SIZE: .128
CABLE RETENTION: 20 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION F
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

2. CONNECTOR MARKED "NM" FOR NON-MAGNETIC



CABLE STRIP DIMENSIONS

4:1

DRAWING NO.									
C - 133-9403-101/110									
0	REVISIONS								
ENGINEERING RELEASE									
1	7-21-03	R H	T A K	R J B				ECN 48906	
COPPER ALLOY WAS COPPER COPPER ALLOY WAS BRASS VERSION UPDATE									
2	1-12-07	P A T	J D S	T A K				2-8-07 ECN 50902	
VERSION UPDATE									

REVISION NUMBER FOLLOWED BY AN ALPHA *									
CHARACTER INDICATES DRAWING CLARIFI-									
CATION OR PART NUMBER ADDITION ONLY. *									

2a	1-22-09	P A T	R J B	M J U	R J B	J C N		1-27-09 ECN 51749	

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RSH		DATE 3-5-03		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS		mm		CHECKED BY TAK		DATE 7-29-03	
.XX				APPROVED BY RJB		TITLE PLUG ASSEMBLY RIGHT ANGLE CABLED, RG 316 NON-MAGNETIC MCX	
.XXX							
MATL				RELEASE DATE 7-29-03		SHEET 2 OF 2	
FINISH				U/M INCH SCALE 10:1		DRAWING NO. C - 133-9403-101/110	